

Gregory, Bernarr

From: PLUS
Sent: Wednesday, July 07, 2004 1:27 PM
To: Gregory, Bernarr
Subject: PLUS Results for 10603843

Here are the PLUS search results for 10603843.

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10603843_QUAL.txt



10603843_LIST.txt



10603843_WEST.txt



10603843_EAST.txt



10603843.east



10603843_CLS.txt



10603843_CLSTITLES.t
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10603843_WDS.txt

10603843_QUAL

4296389 77
4310816 77
4446566 77
4499441 77
5363144 77
5600380 77
6140822 77
6466706 77
6643430 77
5525996 76
5528245 76
5563603 76
5565871 76
5570093 76
5691724 76
6144332 71
4359779 71
4876549 71
5191347 71
5550549 71
4132989 71
4135131 71
4067009 71
4254417 71
4821037 71
5351053 71
5552793 71
5561686 71
5583512 71
5969667 71
5986382 71
6060815 71
6107910 71
6114971 71
6137442 71
6208062 71
6259991 71
6295395 71
6320539 71
6385268 71
6388360 71
6393177 71
6400754 71
6407695 71
6424916 71
6433671 71
6531957 71
6577238 71

10603843_QUAL

6580358 71
6611224 71

10603843 _ LIST

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43

PLUS Search Results for S/N 10603843, Searched July 07, 2004

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4296389
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10603843_LIST

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10603843_WEST

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95 6424916 6433671 6531957 6577238 6580358 6611224) .pn.

10603843 EAST

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10603843 EAST

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10603843_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10603843 on July 07, 2004

Original Classifications

4	342/104
3	342/42
2	310/313R
2	340/10.1
2	340/10.41
2	342/25R
2	342/375
2	348/614
2	385/24
2	701/300

Cross-Reference Classifications

6	340/10.1
6	342/44
6	342/51
4	340/10.3
4	340/10.4
4	342/42
3	342/114
3	342/115
3	342/175
3	385/37
2	333/156
2	333/245
2	342/194
2	342/196
2	342/25A
2	342/378
2	342/43
2	342/50
2	343/720
2	343/721
2	343/778
2	385/7
2	701/217

Combined Classifications

8	340/10.1
7	342/42
6	342/44
6	342/51
5	340/10.3
5	342/104

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4 340/10.4
4 342/115
4 385/37
3 310/313R
3 333/156
3 340/10.41
3 342/114
3 342/175
2 310/313D
2 333/160
2 333/245
2 342/132
2 342/189
2 342/194
2 342/196
2 342/25A
2 342/25R
2 342/375
2 342/378
2 342/43
2 342/47
2 342/50
2 343/720
2 343/721
2 343/778
2 348/614
2 385/24
2 385/7
2 701/217
2 701/300

10603843 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10603843 on July 07, 2004

- 8 340/10.1 (2 OR, 6 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
- 7 342/42 (3 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
- 6 342/44 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/44 .Unique identity
- 6 342/51 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/51 .Transponder only
- 5 340/10.3 (1 OR, 4 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.3 ..Interrogation signal detail
- 5 342/104 (4 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY
- 4 340/10.4 (0 OR, 4 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.4 ..Response signal detail
- 4 342/115 (1 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY

10603843_CLSTITLES
342/115 .Digital

- 4 385/37 (1 OR, 3 XR)
Class 385 : OPTICAL WAVEGUIDES
385/15 WITH OPTICAL COUPLER
385/31 .Input/output coupler
385/37 ..Grating
- 3 310/313R (2 OR, 1 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/313R ..Surface acoustic wave devices
- 3 333/156 (1 OR, 2 XR)
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
333/24R COUPLING NETWORKS
333/156 .Delay lines including long line elements
- 3 340/10.41 (2 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.4 ..Response signal detail
340/10.41 ...Combination response
- 3 342/114 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY
342/114 .Combined with determining sense of motion
(i.e., approaching or receding)
- 3 342/175 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
- 2 310/313D (1 OR, 1 XR)
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
310/300 NON-DYNAMOELECTRIC
310/311 .Piezoelectric elements and devices
310/313R ..Surface acoustic wave devices
310/313B ...Interdigitated electrodes
310/313DGrating or reflector in wave path
- 2 333/160 (1 OR, 1 XR)
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS

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333/24R COUPLING NETWORKS
333/156 .Delay lines including long line elements
333/160 ..Coaxial line

- 2 333/245 (0 OR, 2 XR)
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
333/245 LONG LINE ELEMENTS AND COMPONENTS
- 2 342/132 (1 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/118 DETERMINING DISTANCE
342/128 .With frequency modulation
342/130 ..Plural modulation
342/131 ...Combined with pulse modulation (e.g.,
frequency agile)
342/132With pulse modulation (e.g., "Chirp")
- 2 342/189 (1 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/189 .For correlation
- 2 342/194 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/194 .Complex signal (in phase and quadrature)
- 2 342/196 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/195 .Digital processing
342/196 ..Fast fourier transform (FFT)
- 2 342/25A (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/25R SYNTHETIC APERTURE RADAR
342/25A .Mapping or imaging using synthetic aperture
radar
- 2 342/25R (2 OR, 0 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/25R SYNTHETIC APERTURE RADAR

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- 2 342/375 (2 OR, 0 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/368 .Including a steerable array
342/375 ..With a delay line (e.g., serpentine
transmission line, frequency scanning)
- 2 342/378 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/378 .Utilizing correlation techniques
- 2 342/43 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/43 .Combined with primary radar system
- 2 342/47 (1 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/46 .Navigational
342/47 ..Distance measuring equipment (DME)
- 2 342/50 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/50 .With Telemetry
- 2 343/720 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/720 .Combined with diverse-type art device
- 2 343/721 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/720 .Combined with diverse-type art device
343/721 ..Light
- 2 343/778 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS

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343/772 .Wave guide type (e.g., horn)
343/776 ..Plural
343/778 ...With phasing

2 348/614 (2 OR, 0 XR)
Class 348 : TELEVISION
348/571 IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO
TELEVISION
348/607 .Noise or undesired signal reduction
348/614 ..Ghost elimination (e.g., multipath)

2 385/24 (2 OR, 0 XR)
Class 385 : OPTICAL WAVEGUIDES
385/15 WITH OPTICAL COUPLER
385/24 .Plural (e.g., data bus)

2 385/7 (0 OR, 2 XR)
Class 385 : OPTICAL WAVEGUIDES
385/4 DIRECTIONAL OPTICAL MODULATION WITHIN AN
OPTICAL WAVEGUIDE
385/7 .Acousto-optic

2 701/217 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/217 ..Using dead-reckoning apparatus

2 701/300 (2 OR, 0 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/300 RELATIVE LOCATION

10603843_WDS

able 1
above 3
abstract 1
accompanying 1
accordance 3
account 3
accurate 2
across 3
addition 1
adjacent 1
adjust 2
adjusted 2
alohg 1
along 4
ambient 1
amount 1
amounts 1
an 14
analog 1
and 37
angle 3
antenna 15
apart 1
aperture 2
apparatus 3
apparent 1
application 1
approach 1
architecture 3
architectures 1
are 7
arrangement 6
array 13
arrays 1
art 3
ary 1
as 16
asic 1
associated 9
at 6
attendant 1
attention 1
auxiliary 4
back 1
background 1
bandpass 6
bandplss 1
based 8

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be 10
because 2
been 3
before 1
being 1
benefit 1
block 2
brief 1
but 3
by 13
cab 1
cable 28
calculation 2
calibration 7
can 1
centered 1
change 1
changes 7
chip 1
chirp 31
chirped 1
circuit 1
circuitry 3
circuits 3
clock 1
co 1
common 1
communication 2
compensated 1
compensation 1
components 7
condition 1
configuration 1
consequently 1
considerably 1
contain 1
continuous 1
controlled 2
controller 1
controls 1
convenient 1
conventional 1
converter 1
conveyed 1
correlated 1
correlates 1
correlation 3
correlator 8

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coupled 9
coupler 3
cover 1
customarily 1
dds 1
degree 1
delay 18
delayed 2
deployed 1
deriving 1
described 2
describing 1
description 3
detail 1
detailed 1
details 3
determines 1
diagram 2
diagrammatically 2
different 1
digital 6
digitized 1
diplexer 1
direct 2
directed 2
disclosure 1
discussed 1
distributed 1
divided 1
do 1
doc 8
down 1
downstream 6
drawback 1
drawings 2
driven 1
due 3
effectively 1
effects 1
efficient 1
element 1
embodiment 3
employ 1
employs 2
end 10
energy 5
environment 1
equipment 1

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expected 1
extracted 1
extracts 1
facilitates 1
fact 1
far 1
field 1
figure 2
filter 7
first 2
for 5
frequency 10
from 8
functional 1
gain 1
gcsd 8
gen 1
general 1
generates 1
generation 2
generator 5
grouping 1
groups 1
happens 1
hardware 1
has 3
hase 1
have 1
having 1
herein 2
high 1
how 1
illustrated 2
illustrates 1
illustration 1
implementation 1
implemented 1
improved 1
in 20
inability 1
indication 1
injected 5
injecting 2
input 3
installed 1
integrated 1
intend 1
intended 1

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into 7
introduce 1
invention 16
is 29
issue 1
it 1
known 1
large 2
larger 1
length 8
limited 3
linearities 1
link 1
links 1
loading 1
local 1
located 1
location 1
locations 1
lock 1
locked 1
loop 3
major 1
maximize 3
may 3
means 2
measure 2
measured 1
measurement 1
measurements 1
measures 1
method 3
microsecond 1
modifications 2
modular 2
more 1
multiple 1
multiplicity 1
necessary 1
new 1
no 8
non 1
not 3
noted 1
now 2
number 2
numerically 2
numerous 1

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obscuration 3
obscure 1
observed 1
obviated 1
obvious 1
of 69
on 1
one 3
only 1
open 1
operating 1
operation 1
operations 1
or 1
ordinary 1
originally 1
oscillator 1
out 2
output 10
outputs 1
over 4
packaged 1
page 8
parallel 1
particularly 1
passband 1
path 9
perform 1
performing 2
person 1
pertinent 1
phase 12
phased 5
physically 1
pico 1
platform 3
pointed 2
points 1
portion 7
practical 1
present 8
primarily 2
problem 2
processing 6
processor 1
produced 3
propagates 1
proposed 1

10603843_WDS

provide 3
provides 1
ptesent 1
purpose 1
radar 2
range 1
rate 1
rator 1
readily 3
receive 15
receiver 2
receivers 1
reference 10
reflected 7
relates 1
relative 3
relatively 2
remote 7
representative 2
represents 1
resides 1
respect 1
respective 1
return 4
returned 4
returns 1
rf 10
same 2
scheme 1
second 2
separate 1
set 1
shift 2
should 2
show 1
shown 3
shows 1
signal 28
single 2
skill 1
skilled 2
slow 2
so 4
solves 1
source 2
space 1
spaceborne 3
spaced 1

10603843_WDS

specific 2
speeds 1
st 1
stable 1
stage 1
stems 1
subjected 1
substantial 1
subsystems 1
such 12
suffers 1
sun 3
supervisory 1
supplied 2
support 3
susceptible 1
synthesized 1
synthesizer 1
synthetic 2
system 3
systems 2
table 1
take 3
temperature 6
temperatures 1
terrestrial 1
that 18
the 148
their 1
then 1
there 3
therefor 2
therefore 1
therein 1
thereto 1
this 7
those 3
through 11
thus 1
time 1
to 46
total 1
transmit 8
transmitted 1
transmitterm 1
transport 14
tuned 2
turn 2

10603843_WDS

two 1
typically 1
understandable 1
understood 2
unit 3
up 1
upon 1
upstream 3
used 2
value 5
values 2
variation 4
variations 7
version 1
very 3
via 1
was 1
we 2
when 1
where 1
whereby 1
wherein 1
which 10
while 1
wish 1
with 14
within 2
word 3